

Date: Wed, 17 Aug 94 04:30:09 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #925
To: Info-Hams

Info-Hams Digest Wed, 17 Aug 94 Volume 94 : Issue 925

Today's Topics:

Cable TV equivalent of 427.25 Mhz
 cell RF characteristics
 Code Quick for Learning Morse
 hamfest Aug. 20th, Oakland, NJ
 Regency HR-2A
 Repeater Directory On-Line
 RFI to a smoke detector

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Tue, 16 Aug 1994 13:56:05 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
uhog.mit.edu!news.mtholyoke.edu!news.umass.edu!news2.near.net!usenet.elf.com!rpi!
psinntp!arrl.org!@ihnp4.ucsd.edu
Subject: Cable TV equivalent of 427.25 Mhz
To: info-hams@ucsd.edu

David Adams (dave@flowserver.stem.com) wrote:

: Can anyone tell me the cable channel equivalent of 427.25 Mhz? I had
: a whole list of all the channel/freqs before I left indiana (the
: local atv community did NOT believe in downconverters), but I lost
: it.

It is cable channel 58. A list of TV channels is available from the ARRL
Automated Electronic Mail Server, info@arrl.org. Send the following as the

text of a message to info@arrl.org :

help
index
send catvfrq.txt
quit

73 from ARRL HQ, Ed

--

Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

Date: 16 Aug 1994 17:00:35 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!cat.cis.Brown.EDU!
adis-204.adis.brown.edu!user@network.ucsd.edu
Subject: cell RF characteristics
To: info-hams@ucsd.edu

In article <1994Aug15.213951.6948@mixcom.mixcom.com>, kevin jessup
<kevin.jessup@mixcom.mixcom.com> wrote:

> Given all of the above, does transmitter finger printing really work?
> Has it ever stood a test in a court of law?

Good question. I've never heard of a fingerprint being used as evidence in
court proceedings but I'm sure if you push the FCC hard enough they would.

--

== Tony Pelliccio, KD1NR Tel: (401) 863-1880
== Box 1908, Providence, RI 02912 Fax: (401) 863-2269
== Opinions herein are mine and not those of my employer. Nyah nyah nyah.

Date: Wed, 17 Aug 1994 00:56:37 GMT
From: gsm001!gsmlrn@uunet.uu.net
Subject: Code Quick for Learning Morse
To: info-hams@ucsd.edu

Robert J. Kinder (rkinder@gate.net) wrote:
: Has any used the "Code Quick" product by Wheeler Applied Research Lab to
: learn Morse code? Does it work? How well? Any comments?

I have. I had been trying since 1965 to learn the code. I tried all sorts
of things and had no luck. With code quick I passed the 5 wpm test
(100%, >2 min perfect copy) in about 2.5 months.

My son (aged 12) went from 0 wpm to 4 wpm in a month.

To me it's the best radio related thing you can buy. IMHO it's a bargain at \$39.95.

73

Geoff.

--

"I am number six. Others come and others go, but I am always number six."
(From the movie "Eminent Domain".)

Geoffrey S. Mendelson N3OWJ (215) 242-8712 gsm@mendelson.com

Date: Tue, 16 Aug 94 20:55:04 -0500
From: news.delphi.com!usenet@uunet.uu.net
Subject: hamfest Aug. 20th, Oakland, NJ
To: info-hams@ucsd.edu

There is a hamfest this coming Saturday, August 20th in Oakland, NJ.
I am trying to get directions to this hamfest from the Garden State Parkway and Route 80. Can anyone supply the directions and also (starting time if possible? Thanks.
Joe Keenan

Date: 16 Aug 1994 17:28:49 GMT
From: news.cerf.net!gopher.sdsc.edu!news.tc.cornell.edu!
travelers.mail.cornell.edu!news.kei.com!eff!news.umbc.edu!europa.eng.gtefsd.com!
howland.reston.ans.net!swrinde!gatech!@@ihnp4.ucsd.edu
Subject: Regency HR-2A
To: info-hams@ucsd.edu

Mark Symms (mark@inviso.com) wrote:

: Hi all,
: I tried to post this earlier but I don't think it made it. I was
: curious if the Regency HR-2A (2 meter mobile crystal controlled) would be
: a good radio to use for a packet xceiver? Do I need CTCSS tones to access
: the node? And are crystals still available?
: Mark

This is a real old rig, and may have been designed to handle wide band (+-15khz) FM. If so, you will be hearing signals on adjacent channels. I ran into this problem with an old Icom IC20. Had to swap out the IF filter.
If you have the manual for it, check the rx selectivity specs. You could also use sig-gen to test it.

- Dave WA3U

Date: 17 Aug 94 08:21:05 GMT
From: news-mail-gateway@ucsd.edu
Subject: Repeater Directory On-Line
To: info-hams@ucsd.edu

You say that there is a copy on line someplace on the INTERNET?
Where is it located. I've looked and I am unable to find it.
I'm sure I am not the only Ham looking.....

73

Tim Wright KD40VM
T.Wright@msuacad.morehead-st.edu

Date: Tue, 16 Aug 1994 13:52:10 GMT
From: dog.ee.lbl.gov!agate!howland.reston.ans.net!europa.eng.gtefsd.com!
uhog.mit.edu!news.mtholyoke.edu!news.umass.edu!news2.near.net!usenet.elf.com!rpi!
psinnntp!arrl.org!@ihnp4.ucsd.edu
Subject: RFI to a smoke detector
To: info-hams@ucsd.edu

Gary Coffman (gary@ke4zv.atl.ga.us) wrote:

: In article <9408111908594.DLITE.gilbaronw0mn@delphi.com> gilbaronw0mn@delphi.com
: (Gilbert Baron) writes:
: >I have a big problem with the smoke detectors in my home. They squeal when I
: >transmit on 40 meters. They are the type that are permanently wired to the
: >ac line. Has anyone had this problem and knows what to do about it. I can
: >try bypasses or chokes or some such thing on the line I guess? I may have to
: >go to a battery operated detector perhaps? Any thoughts on this from anyone?
: >Respond here and if you have really important information please email me
: >too at gilbaronw0mn@delphi.com. Thanks in advance.

: The standard treatment would be a couple of 2.5mH chokes in series
: with the leads, and a .001 disc ceramic capacitor across the line.

: However, if these are the type that talk to each other via carrier
: current on the AC line so that all of them sound when one detects
: smoke, you can't do this. You may be hosed. Your other alternative
: is to try to get the 40 meter energy away from your wiring. Locate
: your antenna higher and/or further away from the house.

Gary is right; the chokes might interfere with the communication between the smoke detectors. In any event, it is not a good idea to put capacitors across an AC line unless the capacitors are *AC* rated.

The house wiring or interconnect wiring is probably resonant on 40 M. In most cases, RF pickup on the AC lines is going to be common-mode, with all three wires acting as if they were one wire. Get some FT-240-43 ferrite cores (Ocean State Electronics has them in stock, credit card okay, reasonable minimum order tel (401) 596-3590). You may have to extend the length of the wiring, but if you wrap 5-10 turns of the AC and/or interconnect wiring (all the wires wrapped together) onto the ferrite core, it will usually choke off any common-mode signal without affecting the desired signal that connects all the detectors together.

I would first simplify the system a bit, perhaps with two units wired together, just to find out which wiring or units are susceptible. Add the other units back one at a time, debugging RFI as you go along.

If you happen to have some ferrite material laying about, go ahead and try it. But if it doesn't work, don't assume that using the correct #43 material won't work. I am always hearing tales of folks who buy "generic" toroids, or use a single split bead, or one of the RS snap-together chokes, or the old yoke from a TV set, only to find that they don't always work as well as one might expect. The general rule is that if it fixes the problem, it is okay to use, but if it doesn't, try the correct material before you give up and go onto something else.

73 from ARRL HQ, Ed

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Ed Hare, KA1CV, ARRL Laboratory, 225 Main, Newington, CT 06111
203-666-1541 ehare@arrl.org

Date: Tue, 16 Aug 1994 17:04:04 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!cs.utexas.edu!convex!
seas.smu.edu!vivaldi!rsd0!rsd.dl.nec.com!dave@network.ucsd.edu
To: info-hams@ucsd.edu

References <32lqsfs\$6gn@hobbes.cc.uga.edu>,
<YEE.94Aug14182224@mipgsun.mipg.upenn.edu>, <32o4c5\$r6p@news.nd.edu>alldi
Subject : Re: Repeater Directory?

In article <32o4c5\$r6p@news.nd.edu>, rnimtz@moe.helios.nd.edu (richard nimtz) writes:

[snip...]

|> The phone company used to put dummy entries, names and numbers that didn't
|> exist in real life, in the telephone directory. That way they could look
|> at a competitors directory and easily see if they copied the data. Is the
|> ARRL doing the same thing with the latest repeater directory? There are

They must be because they list 146.88 here in Dallas and thats a dummy
repeater if I ever heard one :-)

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=====
Dave Rogers                                Internet:  dave@rsd.dl.nec.com
M & R Software, Inc.                      CIS:      76672,2455
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In the absence of leadership, we have decided to follow ourselves.

End of Info-Hams Digest V94 #925
